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A brochure geared to help teachers and students in the San Diego area take full advantage of the educational resources of the San Diego Zoo is presented. The education department of the zoo employs two full-time teachers and a driver-guide.

The program offered is briefly described: PRESCHOOL AND FIRST GRADE -- introductions are made to several small animals in each short session which takes place in the Children's Zoo; SECOND GRADE -- children learn about the animals from around the world; FOURTH, FIFTH, AND SIXTH GRADES -- the "Zoo Lady" comes to schools in her traveling zoo-bus with her slides and animals to lecture on the animals of North, South, and Central America.; JUNIOR AND SENIOR HIGH SCHOOL -- the zoo serves science and art teachers and has a work exploratory program that provides opportunities for senior high school students interested in veterinary medicine, human medicine, medical technology, and medicine; COLLEGE AND POST-GRADUATE -- the zoo's curators lecture organized college groups; and TEACHING SEMINARS AND ORIENTATION DAY -- two seminars are held each year for teachers. The zoo invites all teachers to a morning of tours and a brief description of their educational services. Special classes are provided for teaching handicapped children. Support for the program comes from the earned income of the zoo, appropriations from the county board of supervisors, and private donations.

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INSTRUCTIONAL TECHNOLOGY - U.S.C.

SAN DIEGO ZOO

EDUCATIONAL PROGRAMS

A COMMUNITY EDUCATIONAL RESOURCES PROJECT
DEPARTMENT OF EDUCATION · SAN DIEGO COUNTY

J 0413

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FOREWORD

The San Diego Zoo is famous throughout the world for its magnificent collection of animals, the imaginative settings in which they are placed, and its wealth of plant life. Not so readily apparent to the casual visitor, impressed as he may be by the variety and quality of the exhibits, are the scientific and educational activities continuously engaged in by the staff of the Zoological Society of San Diego.

Under the leadership of Dr. Charles R. Schroeder, Director, these programs have been brought to a high peak of effectiveness. This publication has been prepared to help teachers and students in the schools of the San Diego area take full advantage of the educational resources of the Zoo.

CECIL D. HARDESTY
Superintendent of Schools
Department of Education
San Diego County

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INSTRUCTIONAL TECHNOLOGY - U.S.C.

1736

In the Children's Zoo boys and girls meet their animal friends, including this harmless California boa.

SAN DIEGO ZOO
EDUCATIONAL PROGRAMS

The Zoological Society of San Diego provides an education program and prepares educational materials about birds, mammals, and reptiles for the children of the city, county, parochial, and private schools of the San Diego area. Each year more than 100,000 children are served in organized programs through the Zoo's varied education curriculum.

Since the Zoo also is visited casually by more than one million children each year, a proper description of its educational function might be: Unlimited opportunities for the child to ascertain, while we entertain!

Operating as part of the Public Relations Division of the Zoo, the Education Department employs two full-time teachers and a driver-guide. Other Zoo staff personnel are called upon for special assistance in educational activities from time to time. They have developed programs ranging from short tours for kindergarten classes to seven-week seminars for teachers.

This brochure briefly describes each program.

Classes are held for children in the Clark Children's Theater.

PRESCHOOL AND FIRST GRADE

Because children of preschool and first grade age more readily take to animals they can be near, or even touch, this program is conducted in the Children's Zoo.

The children are introduced by the teacher of the Children's Zoo to several small animals in a session that is kept short because of the limited interest span of the children. They might meet a Kinkajou and learn about his long tongue and love of sweets. Or perhaps hold George, the friendly California Boa, and discover that he is quite clean, not unpleasant to touch, and is useful to man, as are many other snakes.

From their jet-age circular classroom the children are taken on a complete tour of the Children's Zoo, where they pet many of the animals and come within inches of others which they previously had seen only in books.

SECOND GRADE

The Zoo maintains its own 72-passenger school bus for children. Its full-time driver-guide is completely familiar with the second grade unit taught in California schools, "Animals Around the World." Each day he picks up four classes of second grade children and their teachers and brings them to the Zoo, where they see and hear all about the animals from around the world.

Our mild climate permits us to conduct this program every day of the school year. County schools with their own

The traveling Zoo-bus visits the schools.

busses transport their pupils to the Zoo, where the children are then transferred to a special guided tour bus. Children in schools in the City of San Diego who do not have school busses available are brought to the Zoo in the Zoo bus.

FOURTH, FIFTH, AND SIXTH GRADES

A highlight for the children of these grade levels is the day when the "Zoo Lady" comes to the school in her traveling Zoo-bus with her slides and animals. Following a schedule planned months in advance, this teacher visits every school which has requested her services to lecture on the animals of North, South, and Central America.

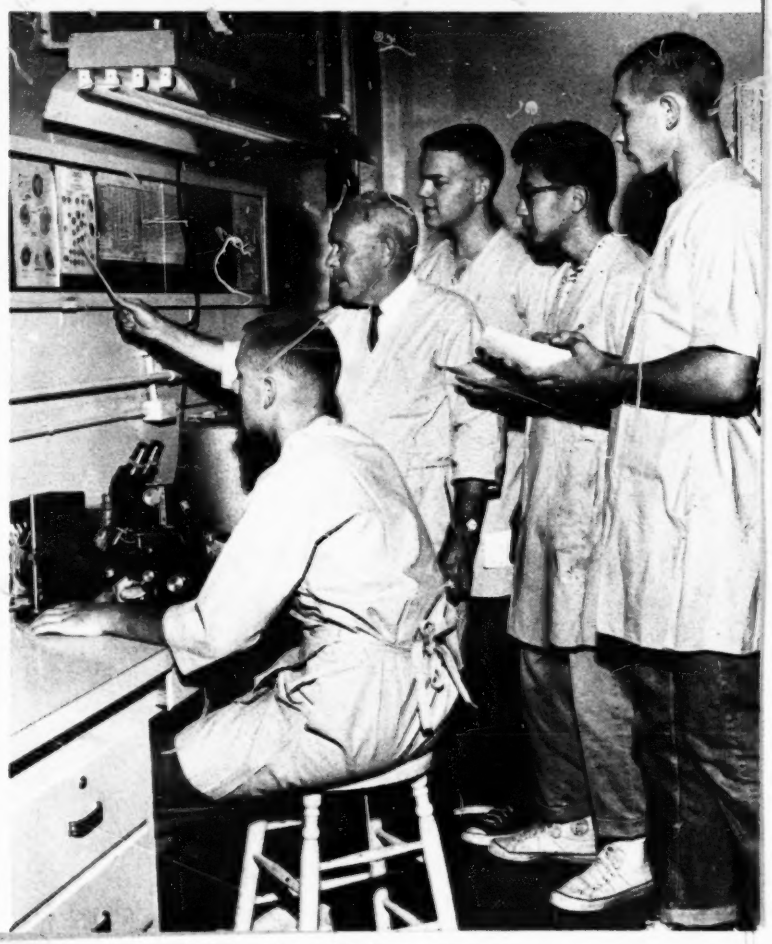
Not only does she add directly to the children's classroom experiences, but she makes them eager to visit the Zoo itself as a unique "living" classroom where they may study the animals they are learning about in school.

JUNIOR AND SENIOR HIGH SCHOOL

The San Diego Zoo is the world's largest laboratory where teenage students can seriously study plants and animals. Science and art teachers take entire classes to the Zoo to study, explore, and learn about both the animals and plants. They also encourage individual students to use the Zoo for specialized study. The Zoo is an arboretum unexcelled in Southern California, so that study of plant life can be as rewarding as observation of the animals.

The Zoo has cooperated in a work exploratory program for several years, providing opportunities for senior high school students interested in veterinary medicine, human medicine, medical technology, and zoology. Students are selected on the basis of scholastic standing, aptitude, and interest. They work under the guidance of the veterinarian and medical technician at the Zoo hospital, observing and participating in techniques and practices used at the Zoo.

Work exploratory programs take place at the Zoo Research Hospital.



COLLEGE AND POST-GRADUATE

At the top of the scholastic ladder, the Zoo's curators spend a large part of their time lecturing organized college groups on subjects ranging from primates to general zoology. On occasion, talks are given on botanical subjects, art, and structural design.

TEACHER SEMINARS AND ORIENTATION DAY

Each year, the Education Department conducts two seminars for teachers. The seminars offer fourteen hours of study over a seven-week period. Classes of thirty-five teachers study the Zoo's history and operation, and special zoological problems. They tour every part of the Zoo, going back to their classrooms better prepared to answer questions about the animals and the Zoo.

Shortly after school begins in the fall, the Zoo invites all teachers concerned with the programs described above to join us for a Saturday morning of tours, light refreshments, and a brief description of our educational services.

SPECIAL CLASSES

To make sure that all of San Diego's children benefit from the Zoo's education program, a plan was worked out several years ago for teaching handicapped children. Now it is possible for teachers or group leaders of blind, deaf, and physically handicapped children to bring them to the Children's Zoo to become intimately familiar with the world of animals. This service includes bus rides for those who cannot walk, "touch classes" for the blind, "holding and loving classes" for children who cannot understand, and "seeing classes" for those who cannot hear. Special classes also are planned and organized for gifted children.

During the summer, classes are offered for all children, including the handicapped, between the ages of 10 and 13. Summer classes last six weeks. Children receive certificates to show that they have completed the course.

PROGRAM SUPPORT

The largest part of this service is paid for by the Zoo out of earned income, no charge being made to the schools. An annual appropriation of $12,500.00 from the County Board of Supervisors helps to defray that portion of the cost involving the Children's Zoo and the work exploratory program for high school students at the Zoo hospital. The Zoo also receives private donations to its education program, including the Clark Children's Theater in the Children's Zoo, built through the generosity of Mrs. Henry B. Clark, and the new school bus, donated by the San Diego Division of the Convair Employees Con-Trib-Club.

Invaluable guidance and help are provided by members of the Zoo's Education Committee, whose members include elementary and secondary school teachers and administrators from city, county, parochial, and private schools.

STUDY AIDS

A Trip Through the Children's Zoo: 36-frame color filmstrip, with study guide and disc recording. This filmstrip was developed cooperatively by the San Diego Zoo and the Community Educational Resources Project of the Department of Education, San Diego County. It is available to teachers in the public schools of the City and County of San Diego from their audio-visual departments. Sets can be purchased from the County Department of Education by individuals and by public, parochial, and private schools.

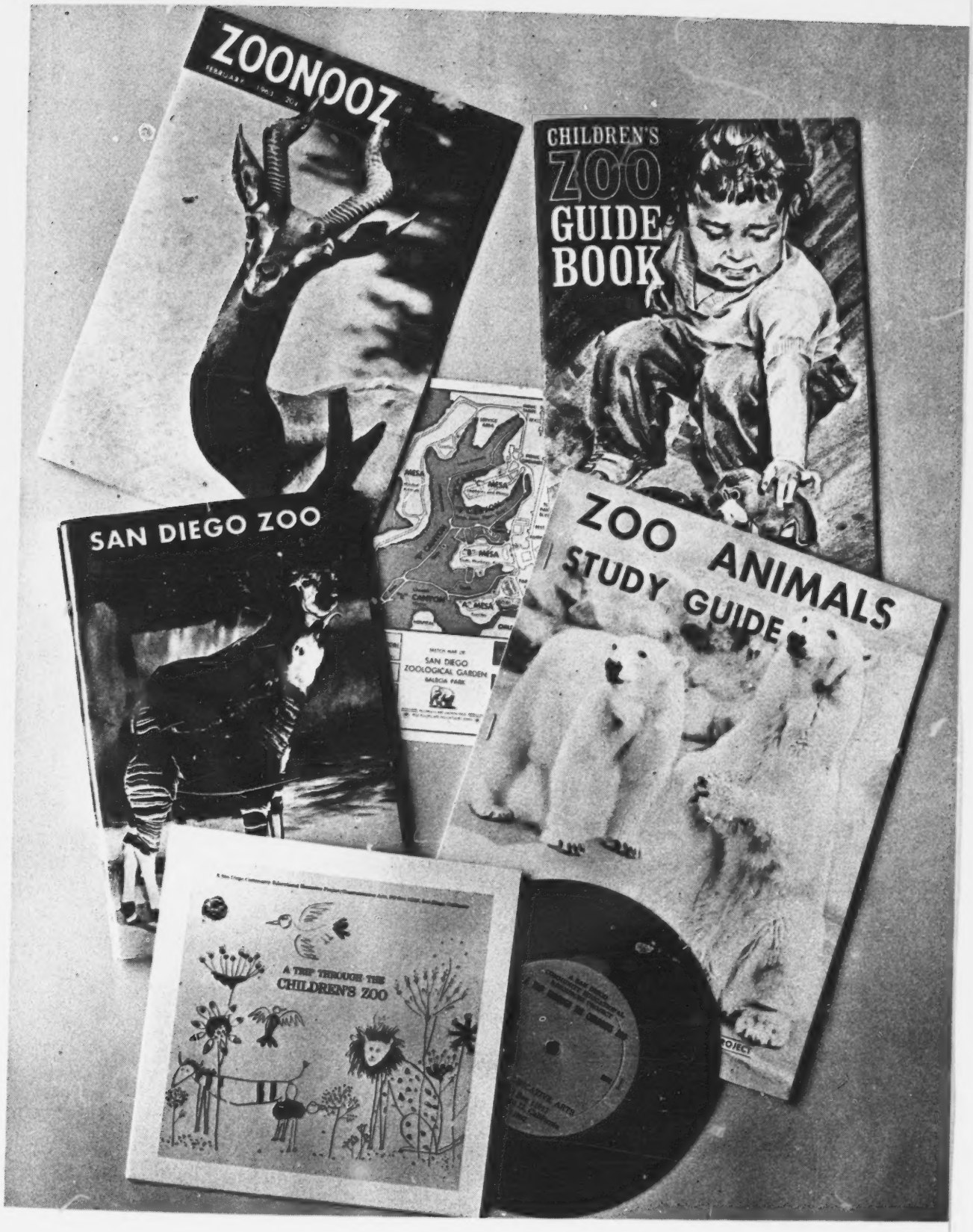
Zoo Animals: Set of 23 black and white study prints, size 16" x 20", with four 8" x 10" photos on the reverse side of each large study print, accompanied by a teacher's guide. This set is especially designed for use in the primary grades. It has been distributed by Community Educational Resources to the public elementary schools of San Diego City and County. Sets can be purchased from the County Department of Education by individuals and by public, parochial, and private schools.

Scientific Bulletins: These are studies on various species of birds, mammals, and reptiles. Information and price lists are available from the Zoo Public Relations Division.

ZOONOOZ: Monthly magazine, featuring stories and photos of animals in the San Diego Zoo. Subscription rates are available from the Zoo upon request.

Guide Book to Main Zoo: 112 pages, with black and white photographs and information about many of the Zoo's more than 4,000 specimens and its more than 1,200 species of birds, mammals, and reptiles, plus color maps and color cover photos. Price is available from the Zoo upon request.

Guide Book to the Children's Zoo: 26-page, black and white, includes glossary of common words and terms referring to animals, a map of the Children's Zoo, and descriptions of many of the animals. Also has line drawings for coloring by the children. Price is available from the Zoo upon request.


ZOONOOZ
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STUDY GUIDE
A TRIP THROUGH THE
CHILDREN'S ZOO

To obtain additional information about this program, please contact the Public Relations Division, San Diego Zoo, Box 551, San Diego 12, California. Telephone: 234-5151, Extension 33 or 34.